

Kee Woei Ng

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130
papers

6,574
citations

41
h-index

79
g-index

137
ext. papers

7,438
ext. citations

7
avg, IF

5.73
L-index

#	Paper	IF	Citations
130	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 55, 203-16		1044
129	Photocrosslinkable Gelatin Hydrogel for Epidermal Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2016 , 5, 108-18	10.1	407
128	Titanium dioxide nanomaterials cause endothelial cell leakiness by disrupting the homophilic interaction of VE-cadherin. <i>Nature Communications</i> , 2013 , 4, 1673	17.4	326
127	The Human Intermediate Filament Database: comprehensive information on a gene family involved in many human diseases. <i>Human Mutation</i> , 2008 , 29, 351-60	4.7	270
126	The role of the tumor suppressor p53 pathway in the cellular DNA damage response to zinc oxide nanoparticles. <i>Biomaterials</i> , 2011 , 32, 8218-25	15.6	161
125	Evaluation of ultra-thin poly(epsilon-caprolactone) films for tissue-engineered skin. <i>Tissue Engineering</i> , 2001 , 7, 441-55		161
124	Cytotoxicity of hydroxyapatite nanoparticles is shape and cell dependent. <i>Archives of Toxicology</i> , 2013 , 87, 1037-52	5.8	156
123	Evaluation of the cytotoxic and inflammatory potential of differentially shaped zinc oxide nanoparticles. <i>Archives of Toxicology</i> , 2011 , 85, 1517-28	5.8	153
122	In vitro characterization of natural and synthetic dermal matrices cultured with human dermal fibroblasts. <i>Biomaterials</i> , 2004 , 25, 2807-18	15.6	151
121	Toxicity of zinc oxide (ZnO) nanoparticles on human bronchial epithelial cells (BEAS-2B) is accentuated by oxidative stress. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1762-6	4.7	145
120	Integrated hollow mesoporous silica nanoparticles for target drug/siRNA co-delivery. <i>Chemistry - A European Journal</i> , 2013 , 19, 15593-603	4.8	138
119	The challenge to measure cell proliferation in two and three dimensions. <i>Tissue Engineering</i> , 2005 , 11, 182-91		134
118	Micropatterned matrix directs differentiation of human mesenchymal stem cells towards myocardial lineage. <i>Experimental Cell Research</i> , 2010 , 316, 1159-68	4.2	133
117	Graphene oxide wrapped gold nanoparticles for intracellular Raman imaging and drug delivery. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 6495-6500	7.3	120
116	Silk fibroin-keratin based 3D scaffolds as a dermal substitute for skin tissue engineering. <i>Integrative Biology (United Kingdom)</i> , 2015 , 7, 53-63	3.7	115
115	Biophysical responses upon the interaction of nanomaterials with cellular interfaces. <i>Accounts of Chemical Research</i> , 2013 , 46, 782-91	24.3	111
114	Reducing Intestinal Digestion and Absorption of Fat Using a Nature-Derived Biopolymer: Interference of Triglyceride Hydrolysis by Nanocellulose. <i>ACS Nano</i> , 2018 , 12, 6469-6479	16.7	99

113	Human keratin hydrogels support fibroblast attachment and proliferation in vitro. <i>Cell and Tissue Research</i> , 2012 , 347, 795-802	4.2	96
112	Exposure to titanium dioxide nanoparticles induces autophagy in primary human keratinocytes. <i>Small</i> , 2013 , 9, 387-92	11	90
111	Size influences the cytotoxicity of poly (lactic-co-glycolic acid) (PLGA) and titanium dioxide (TiO ₂) nanoparticles. <i>Archives of Toxicology</i> , 2013 , 87, 1075-86	5.8	89
110	Reduced contraction of skin equivalent engineered using cell sheets cultured in 3D matrices. <i>Biomaterials</i> , 2006 , 27, 4591-8	15.6	89
109	Induction of Ectopic Bone Formation by Using Human Periosteal Cells in Combination with a Novel Scaffold Technology. <i>Cell Transplantation</i> , 2002 , 11, 125-138	4	74
108	Probing the relevance of 3D cancer models in nanomedicine research. <i>Advanced Drug Delivery Reviews</i> , 2014 , 79-80, 95-106	18.5	71
107	Culturing fibroblasts in 3D human hair keratin hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 5187-98	9.5	71
106	Elastic cartilage engineering using novel scaffold architectures in combination with a biomimetic cell carrier. <i>Biomaterials</i> , 2003 , 24, 4445-58	15.6	69
105	Size of TiO ₂ nanoparticles influences their phototoxicity: an in vitro investigation. <i>Archives of Toxicology</i> , 2013 , 87, 99-109	5.8	67
104	Cytotoxicity of zinc oxide (ZnO) nanoparticles is influenced by cell density and culture format. <i>Archives of Toxicology</i> , 2011 , 85, 695-704	5.8	60
103	Hydrodynamically Guided Hierarchical Self-Assembly of Peptide-Protein Bioinks. <i>Advanced Functional Materials</i> , 2018 , 28, 1703716	15.6	59
102	Poly(E-caprolactone) films as a potential substrate for tissue engineering an epidermal equivalent. <i>Materials Science and Engineering C</i> , 2002 , 20, 71-75	8.3	58
101	Toxicological effects of ingested nanocellulose in in vitro intestinal epithelium and in vivo rat models. <i>Environmental Science: Nano</i> , 2019 , 6, 2105-2115	7.1	57
100	In vivo evaluation of an ultra-thin polycaprolactone film as a wound dressing. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007 , 18, 925-38	3.5	54
99	Cytotoxic and genotoxic characterization of titanium dioxide, gadolinium oxide, and poly(lactic-co-glycolic acid) nanoparticles in human fibroblasts. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 633-40	5.4	52
98	Human Hair Keratin for Biocompatible Flexible and Transient Electronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43004-43012	9.5	51
97	Bio-inspired micropatterned platform to steer stem cell differentiation. <i>Small</i> , 2011 , 7, 1416-21	11	51
96	Direct laser machining-induced topographic pattern promotes up-regulation of myogenic markers in human mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2012 , 8, 531-9	10.8	50

95	Inhaled nanomaterials and the respiratory microbiome: clinical, immunological and toxicological perspectives. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 46	8.4	49
94	Cellular uptake of Poly-(D,L-lactide-co-glycolide) (PLGA) nanoparticles synthesized through solvent emulsion evaporation and nanoprecipitation method. <i>Biotechnology Journal</i> , 2011 , 6, 501-8	5.6	45
93	In vitro assessment of cellular responses to rod-shaped hydroxyapatite nanoparticles of varying lengths and surface areas. <i>Nanotoxicology</i> , 2011 , 5, 182-94	5.3	44
92	Specific surface area of titanium dioxide (TiO ₂) particles influences cyto- and photo-toxicity. <i>Toxicology</i> , 2013 , 304, 132-40	4.4	42
91	Calcium phosphate coated Keratin-PCL scaffolds for potential bone tissue regeneration. <i>Materials Science and Engineering C</i> , 2015 , 49, 746-753	8.3	41
90	Electrospun human keratin matrices as templates for tissue regeneration. <i>Nanomedicine</i> , 2013 , 8, 531-415.6	5.6	41
89	Human mesenchymal stem-cell behaviour on direct laser micropatterned electrospun scaffolds with hierarchical structures. <i>Macromolecular Bioscience</i> , 2013 , 13, 299-310	5.5	40
88	Mesenchymal Stem Cell Secretome Improves Tendon Cell Viability In Vitro and Tendon-Bone Healing In Vivo When a Tissue Engineering Strategy Is Used in a Rat Model of Chronic Massive Rotator Cuff Tear. <i>American Journal of Sports Medicine</i> , 2018 , 46, 449-459	6.8	39
87	Insights into the role of focal adhesion modulation in myogenic differentiation of human mesenchymal stem cells. <i>Stem Cells and Development</i> , 2013 , 22, 136-47	4.4	39
86	Visible light crosslinkable human hair keratin hydrogels. <i>Bioengineering and Translational Medicine</i> , 2018 , 3, 37-48	14.8	38
85	Osteogenic differentiation of murine embryonic stem cells is mediated by fibroblast growth factor receptors. <i>Stem Cells and Development</i> , 2007 , 16, 305-18	4.4	38
84	Healing of Chronic Wounds: An Update of Recent Developments and Future Possibilities. <i>Tissue Engineering - Part B: Reviews</i> , 2019 , 25, 429-444	7.9	37
83	Macroporous carbon from human hair: A journey towards the fabrication of high energy Li-ion capacitors. <i>Electrochimica Acta</i> , 2015 , 182, 474-481	6.7	37
82	Early controlled release of peroxisome proliferator-activated receptor γ agonist GW501516 improves diabetic wound healing through redox modulation of wound microenvironment. <i>Journal of Controlled Release</i> , 2015 , 197, 138-47	11.7	35
81	Increasing solvent polarity and addition of salts promote β phase poly(vinylidene fluoride) formation. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 2902-2910	2.9	34
80	Evaluating the toxicity of hydroxyapatite nanoparticles in catfish cells and zebrafish embryos. <i>Small</i> , 2013 , 9, 1734-41	11	32
79	β and β poly(vinylidene fluoride) evoke different cellular behaviours. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 1651-67	3.5	32
78	Evaluation of a tissue-engineered membrane-cell construct for guided bone regeneration. <i>International Journal of Oral and Maxillofacial Implants</i> , 2002 , 17, 161-74	2.8	32

77	Development of Biodegradable and Antimicrobial Electrospun Zein Fibers for Food Packaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 15354-15365	8.3	30
76	Pomegranate activates TFEB to promote autophagy-lysosomal fitness and mitophagy. <i>Scientific Reports</i> , 2019 , 9, 727	4.9	29
75	Enhancing Agrichemical Delivery and Seedling Development with Biodegradable, Tunable, Biopolymer-Based Nanofiber Seed Coatings. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 9537-9548	8.3	29
74	Understanding the nano-topography changes and cellular influences resulting from the surface adsorption of human hair keratins. <i>Advanced Healthcare Materials</i> , 2012 , 1, 513-9	10.1	29
73	Reciprocal Response of Human Oral Epithelial Cells to Internalized Silica Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013 , 30, 784-793	3.1	29
72	Composite Hydrogels in Three-Dimensional Models. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 611	5.8	28
71	Preliminary study of a polycaprolactone membrane utilized as epidermal substrate. <i>Journal of Materials Science: Materials in Medicine</i> , 2003 , 14, 113-20	4.5	28
70	Fabrication and characterization of a novel crosslinked human keratin-alginate sponge. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017 , 11, 2590-2602	4.4	27
69	Studies on the Proteome of Human Hair - Identification of Histones and Deamidated Keratins. <i>Scientific Reports</i> , 2018 , 8, 1599	4.9	27
68	Comparative cytotoxicity evaluation of lanthanide nanomaterials on mouse and human cell lines with metabolic and DNA-quantification assays. <i>Biointerphases</i> , 2010 , 5, FA88-97	1.8	27
67	Peptide-protein coassembling matrices as a biomimetic 3D model of ovarian cancer. <i>Science Advances</i> , 2020 , 6,	14.3	25
66	Manipulating magnetic 3D spheroids in hanging drops for applications in tissue engineering and drug screening. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1430-4	10.1	24
65	Effects of hardness of steel on ceramic armour module against long rod impact. <i>International Journal of Impact Engineering</i> , 2017 , 109, 419-426	4	23
64	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling 2001 , 55, 203		23
63	Co-exposure to the food additives SiO (E551) or TiO (E171) and the pesticide boscalid increases cytotoxicity and bioavailability of the pesticide in a tri-culture small intestinal epithelium model: Potential health implications. <i>Environmental Science: Nano</i> , 2019 , 6, 2786-2800	7.1	21
62	Emerging in vitro models for safety screening of high-volume production nanomaterials under environmentally relevant exposure conditions. <i>Small</i> , 2013 , 9, 1504-20	11	21
61	Phase poly(vinylidene fluoride) films encouraged more homogeneous cell distribution and more significant deposition of fibronectin towards the cell-material interface compared to phase poly(vinylidene fluoride) films. <i>Materials Science and Engineering C</i> , 2014 , 34, 345-53	8.3	19
60	Modulating Mesenchymal Stem Cell Behavior Using Human Hair Keratin-Coated Surfaces. <i>Stem Cells International</i> , 2015 , 2015, 752424	5	19

59	Assimilating cell sheets and hybrid scaffolds for dermal tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2005 , 75, 425-38	5.4	19
58	Enhanced performance of chitosan/keratin membranes with potential application in peripheral nerve repair. <i>Biomaterials Science</i> , 2019 , 7, 5451-5466	7.4	18
57	Human keratinocytes adapt to ZnO nanoparticles induced toxicity via complex paracrine crosstalk and Nrf2-proteasomal signal transduction. <i>Nanotoxicology</i> , 2018 , 12, 1215-1229	5.3	18
56	Integrated Transcriptomics, Metabolomics, and Lipidomics Profiling in Rat Lung, Blood, and Serum for Assessment of Laser Printer-Emitted Nanoparticle Inhalation Exposure-Induced Disease Risks. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
55	Occupational Inhalation Exposures to Nanoparticles at Six Singapore Printing Centers. <i>Environmental Science & Technology</i> , 2020 , 54, 2389-2400	10.3	16
54	Physicochemical and Morphological Transformations of Chitosan Nanoparticles across the Gastrointestinal Tract and Cellular Toxicity in an In Vitro Model of the Small Intestinal Epithelium. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 358-368	5.7	16
53	MDM4 downregulates p53 transcriptional activity and response to stress during differentiation. <i>Cell Cycle</i> , 2011 , 10, 1100-8	4.7	15
52	Engineered nanoparticles for the detection, treatment and prevention of atherosclerosis: how close are we?. <i>Drug Discovery Today</i> , 2017 , 22, 1438-1446	8.8	14
51	Comparative differences in the behavior of TiO ₂ and SiO ₂ food additives in food ingredient solutions. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	13
50	Induction of ectopic bone formation by using human periosteal cells in combination with a novel scaffold technology. <i>Cell Transplantation</i> , 2002 , 11, 125-38	4	12
49	Liposomal Nanotherapy for Treatment of Atherosclerosis. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000465	10.4	10
48	Inflammation Increases Susceptibility of Human Small Airway Epithelial Cells to Pneumonic Nanotoxicity. <i>Small</i> , 2020 , 16, e2000963	11	10
47	Potent-By-Design: Amino Acids Mimicking Porous Nanotherapeutics with Intrinsic Anticancer Targeting Properties. <i>Small</i> , 2020 , 16, e2003757	11	10
46	Transformation of Nanomaterials and Its Implications in Gut Nanotoxicology. <i>Small</i> , 2020 , 16, e2001246	11	9
45	Nanotoxicology in the Skin: How Deep is the Issue?. <i>Nano LIFE</i> , 2014 , 04, 1440004	0.9	9
44	The protein corona determines the cytotoxicity of nanodiamonds: implications of corona formation and its remodelling on nanodiamond applications in biomedical imaging and drug delivery. <i>Nanoscale Advances</i> , 2020 , 2, 4798-4812	5.1	9
43	The Potential of Fluocinolone Acetonide to Mitigate Inflammation and Lipid Accumulation in 2D and 3D Foam Cell Cultures. <i>BioMed Research International</i> , 2018 , 2018, 3739251	3	9
42	Cryogelation of Human Hair Keratins. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000254	4.8	8

41	Biomolecular interaction and kinematics differences between P25 and E171 TiO ₂ nanoparticles. <i>NanoImpact</i> , 2018 , 12, 51-57	5.6	8
40	Bacteria Display Differential Growth and Adhesion Characteristics on Human Hair Shafts. <i>Frontiers in Microbiology</i> , 2018 , 9, 2145	5.7	8
39	TiO ₂ nanoparticles alleviate toxicity by reducing free Zn ²⁺ ion in human primary epidermal keratinocytes exposed to ZnO nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	7
38	The multi-facets of sustainable nanotechnology - Lessons from a nanosafety symposium. <i>Nanotoxicology</i> , 2015 , 9, 404-6	5.3	7
37	Cultivation of human dermal fibroblasts and epidermal keratinocytes on keratin-coated silica bead substrates. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 2789-2798	5.4	7
36	Electrospun 3D multi-scale fibrous scaffold for enhanced human dermal fibroblast infiltration. <i>International Journal of Bioprinting</i> , 2016 , 2,	6.2	7
35	High-Throughput Screening Platform for Nanoparticle-Mediated Alterations of DNA Repair Capacity. <i>ACS Nano</i> , 2021 , 15, 4728-4746	16.7	7
34	Evaluating the antioxidant effects of human hair protein extracts. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018 , 29, 1081-1093	3.5	6
33	Characterization of a novel bioactive poly[(lactic acid)-co-(glycolic acid)] and collagen hybrid matrix for dermal regeneration. <i>Polymer International</i> , 2005 , 54, 1449-1457	3.3	6
32	Design and in vitro release study of siRNA loaded Layer by Layer nanoparticles with sustained gene silencing effect. <i>Expert Opinion on Drug Delivery</i> , 2018 , 15, 937-949	8	6
31	Biological impact of nanodiamond particles - label free, high-resolution methods for nanotoxicity assessment. <i>Nanotoxicology</i> , 2019 , 13, 1210-1226	5.3	5
30	A Manual for Primary Human Cell Culture. <i>Manuals in Biomedical Research</i> , 2010 ,		5
29	Enzyme- and Relative Humidity-Responsive Antimicrobial Fibers for Active Food Packaging. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 50298-50308	9.5	5
28	Pilot deep RNA sequencing of worker blood samples from Singapore printing industry for occupational risk assessment. <i>NanoImpact</i> , 2020 , 19, 100248-100248	5.6	5
27	Characterization of Anisotropic Human Hair Keratin Scaffolds Fabricated via Directed Ice Templating. <i>Macromolecular Bioscience</i> , 2021 , 21, e2000314	5.5	5
26	TiO ₂ -nanoparticles shield HPEKs against ZnO-induced genotoxicity. <i>Materials and Design</i> , 2015 , 88, 41-50.1	5.1	4
25	Understanding the implications of engineered nanoparticle induced autophagy in human epidermal keratinocytes in vitro. <i>NanoImpact</i> , 2019 , 15, 100177	5.6	4
24	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4

23	Printer center nanoparticles alter the DNA repair capacity of human bronchial airway epithelial cells.. <i>NanoImpact</i> , 2022 , 25, 100379	5.6	3
22	Chronic upper airway and systemic inflammation from copier emitted particles in healthy operators at six Singaporean workplaces.. <i>NanoImpact</i> , 2021 , 22, 100325	5.6	3
21	Ultrasonic Implantation and Imaging of Sound-Sensitive Theranostic Agents for the Treatment of Arterial Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 24422-24430	9.5	3
20	Self-Assembly of Solubilized Human Hair Keratins. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 83-89	5.5	3
19	BiOClBr-coated fabrics with enhanced antimicrobial properties under ambient light. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 3079-3087	7.3	3
18	Fluorescence techniques used to measure interactions between hydroxyapatite nanoparticles and epidermal growth factor receptors. <i>Biotechnology Journal</i> , 2015 , 10, 171-9	5.6	2
17	Identification of Antibacterial Components in Human Hair Shafts. <i>Acta Dermato-Venereologica</i> , 2018 , 98, 708-710	2.2	2
16	Nanoparticle-assay marker interaction: effects on nanotoxicity assessment. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	2
15	Primary Culture of Specific Cell Types and the Establishment of Cell Lines 2011 , 205-230		2
14	Fate, cytotoxicity and cellular metabolomic impact of ingested nanoscale carbon dots using simulated digestion and a triculture small intestinal epithelial model. <i>NanoImpact</i> , 2021 , 23, 100349-100349	5.6	2
13	Association of nanoparticle exposure with serum metabolic disorders of healthy adults in printing centers.. <i>Journal of Hazardous Materials</i> , 2022 , 432, 128710	12.8	2
12	Stem Cells: Microenvironment, Micro/Nanotechnology, and Application. <i>Stem Cells International</i> , 2015 , 2015, 398510	5	1
11	A high-throughput method to characterize the gut bacteria growth upon engineered nanomaterial treatment. <i>Environmental Science: Nano</i> , 2020 , 7, 3155-3166	7.1	1
10	Anisotropic hair keratin-dopamine composite scaffolds exhibit strain-stiffening properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2022 , 110, 92-104	5.4	1
9	Effects of ingested nanocellulose and nanochitosan materials on carbohydrate digestion and absorption in an in vitro small intestinal epithelium model. <i>Environmental Science: Nano</i> , 2021 , 8, 2554-2568	7.1	1
8	Mechanical properties and cell cultural response of polycaprolactone scaffolds designed and fabricated via fused deposition modeling 2001 , 55, 203		1
7	Development of a mechanically stable human hair keratin film for cell culture. <i>Materials Today Communications</i> , 2022 , 30, 103049	2.5	0
6	Hydroxyapatite Particles Induced Modulation of Collagen Expression and Secretion in Primary Human Dermal Fibroblasts. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4943-4956	7.3	0

5	An Enzymatic Method for Harvesting Functional Melanosomes after Keratin Extraction: Maximizing Resource Recovery from Human Hair. <i>Journal of Polymers and the Environment</i> ,1	4.5	o
4	Effects of Pulsed Electromagnetic Field Intensity on Mesenchymal Stem Cells. <i>Bioelectricity</i> , 2021 , 3, 186-196	2	o
3	Anti-inflammatory potential of simvastatin loaded nanoliposomes in 2D and 3D foam cell models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 37, 102434	6	o
2	Facile and Efficient Enzymatic Methods for Harvesting or Removal of Cuticle Cells from Human Hair Shafts. <i>Journal of Natural Fibers</i> ,1-14	1.8	
1	Development of reconstructed intestinal micronucleus cytome (RICyt) assay in 3D human gut model for genotoxicity assessment of orally ingested substances.. <i>Archives of Toxicology</i> , 2022 , 96, 1455 ^{5.8}		